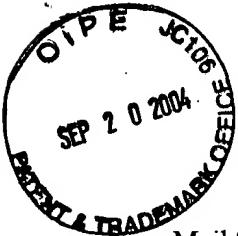


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2877  
Jew



September 17, 2004

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicant(s): Ibrahim Abdulhalim et al.

Title: Periodic Patterns and Technique to Control Misalignment

Application No.: 09/833,084 Filing Date: April 10, 2001

Examiner: Zandra V. Smith Group Art Unit: 2877

Docket No.: TNCR.196US0 Conf. No.: 8866

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (1 page)
- (3) Amendment (20 pages)

Please charge any additional fees required and credit any overpayment to our  
Deposit Account No. 502664.

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I hereby certify that this correspondence is being  
deposited with the United States Postal Service with sufficient  
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Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450, on September 17, 2004.

Franklin Dyer

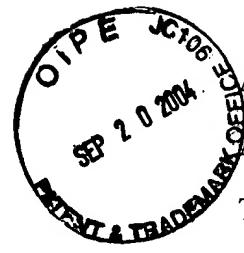
Respectfully submitted,

James S. Hsue  
Reg. No. 29,545

9/17/04

Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicant(s): Ibrahim Abdulhalim et al.  
Assignee: KLA-Tencor Corporation  
Title: PERIODIC PATTERNS AND TECHNIQUE TO CONTROL MISALIGNMENT  
  
Application No.: 09/833,084 Filing Date: Apr. 10, 2001  
Examiner: Smith, Zandra V. Group Art Unit: 1775  
Docket No.: TNCR.196US0 Conf. No.: 8866

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Dear Madam:

This will respond to the Office Action mailed on June 17, 2004, setting a period for response expiring on September 17, 2004.

Claim Amendments begin on page 2.

Drawing Amendments are not being made.

Specification Amendments are not being made.

Remarks begin on page 13.